IN THE CLAIMS

Please amend the claims as follows. This listing of claims replaces all prior versions and listings of claims in the application:

1. (Original) A method comprising:

determining a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a p1urality of blocks of data;

providing a first DCT-encoded signal which uses at most t coefficient bits to represent each of the DCT coefficients; and

providing a second DCT-encoded signal which uses at most u coefficient bits, wherein u is less than t, to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having t coefficient bits.

2. (Original) The method of claim 1 further comprising:

providing a third DCT-encoded signal which uses at most v coefficient bits to represent each of the DCT coefficients by removing at least two lesser-significant bits from each of the DCT coefficients having t coefficient bits;

wherein v is less than u.

3. (Original) The method of claim 1 wherein the first DCT-encoded signal uses t coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses u coefficient bits to represent each of the DCT coefficients.

4. (Original) The method of claim 1 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.

5. (Original) The method of claim I wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.

6. (Original) The method of claim 1 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.

7. (Original) The method of claim 1 wherein t is equal to 13 or 14.

8. (Original) A computer-usable medium having computer program code to direct a computer system to perform acts of:

determining a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a plurality of blocks of data;

providing a first DCT-encoded signal which uses at most t coefficient bits to represent each of the DCT coefficients; and

providing a second DCT-encoded signal which uses at most u coefficient bits, wherein u is less than t, to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having t coefficient bits.

9. (Original) The computer-usable medium of claim 8 wherein the computer program code further is to direct the computer system to perform an act of:

providing a third DCT-encoded signal which uses at most v coefficient bits to represent each of the DCT coefficients;

wherein v is less than u.

10. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal uses t coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses u coefficient bits to represent each of the DCT coefficients.

11. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.

12. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.

13. (Original) The computer-usable medium of claim 8 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.

14. (Original) The computer-usable medium of claim 8 wherein t is equal to 13 or 14.

15. (Currently Amended) A system comprising:

a compression engine to determine a plurality of discrete cosine transform (DCT) coefficients based on a discrete cosine transform of a plurality of blocks of data, to provide a first DCT-encoded signal which uses at most t coefficient bits to represent each of the DCT coefficients, and to provide a second DCT-encoded signal which uses at most u coefficient bits ~~to represent each of the DCT coefficients~~, wherein u is less than t, to represent each of the DCT coefficients by removing at least one lesser-significant bit from each of the DCT coefficients having t coefficient bits.

16. (Original) The system of claim 15 wherein the compression engine further is to provide a third DCT-encoded signal which uses at most v coefficient bits to represent each of the DCT coefficients, wherein v is less than u.

17. (Original) The system of claim 15 wherein the first DCT-encoded signal uses t coefficient bits to represent each of the DCT coefficients, and wherein the second DCT-encoded signal uses u coefficient bits to represent each of the DCT coefficients.

18. (Original) The system of claim 15 wherein the first DCT-encoded signal is provided to a first data communication link having a first bandwidth, wherein the second DCT-encoded signal is provided to a second data communication link having a second bandwidth, and wherein the first bandwidth is greater than the second bandwidth.

19. (Original) The system of claim 15 wherein the first DCT-encoded signal has a first data rate, wherein the second DCT-encoded signal has a second data rate, and wherein the first data rate is greater than the second data rate.

20. (Original) The system of claim 15 wherein the first DCT-encoded signal and the second DCT-encoded signal are substantially synchronized.

21. (Original) The system of claim 15 wherein t is equal to 13 or 14.

22. (Original) The system of claim 15 wherein the compression engine is to remove at least one lesser-significant bit from each of the DCT coefficients having t coefficient bits.